

Please type a plus sign (+) inside this box

01-23-02

A
PTO/SB/05 (03-01)Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>		Attorney Docket No.		ROCH-001DIV		
		First Inventor		CANNON, PAUL D.		
		Title	HUMAN INTESTINAL NpT2b			
			Express Mail Label No.		EV 036410360 US	
APPLICATION ELEMENTS <i>SEE MPEP chapter 600 concerning utility patent application contents.</i>			ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231			
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i> 2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. 3. <input checked="" type="checkbox"/> Specification <i>(preferred arrangement set forth below)</i> -Descriptive title of the invention -Cross Reference to Related Applications -Statement Regarding Fed sponsored R & D -Reference to sequence listing, a table, or a computer program listing appendix -Background of the Invention -Brief Summary of the Invention -Brief Description of the Drawings (if filed) -Detailed Description -Claim(s) -Abstract of the Disclosure 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) <i>[Total Pages: 3]</i> 5. Oath or Declaration a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) <i>(for continuation/divisional with Box 18 completed)</i> i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) Named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b) 6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76			7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission <i>if applicable, all necessary</i> a. <input checked="" type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input checked="" type="checkbox"/> paper c. <input checked="" type="checkbox"/> Statements verifying identity of above copies			
ACCOMPANYING APPLICATION PARTS						
9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & documents(s)) 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i> 11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i> 12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations 13. <input checked="" type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i> 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i> 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. <input type="checkbox"/> Other: _____						
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: <input type="checkbox"/> Continuation <input checked="" type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.: 09/499,964						
Prior application information: Examiner: <u>Para, P. Jr.</u>			Group Art Unit: 1632			
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.						
19. CORRESPONDENCE ADDRESS						
<input checked="" type="checkbox"/> Customer Number or Bar Code Label		24353 <i>(Insert Customer Number or Attach bar code label here)</i>		or <input type="checkbox"/> Correspondence address below		
Name <u>Paula A. Borden</u>						
Address 200 Middlefield Road, Suite 200						
City Menlo Park		State California	Zip Code 94025			
Country U.S.A.		Telephone (650) 327-3400	Fax (650) 327-3231			
Name <u>Paula A. Borden</u>		Registration No. (Attorney/Agent) 42,344				
Signature <u>Paula A. Borden</u>				Date	January 17, 2002	

Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

01/17/02
JC355 U.S. PTO

PTO/SB/17 (10-01)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2002

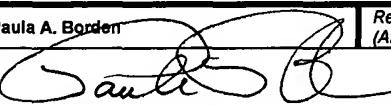
Patent fees are subject to annual revision.

FEE TRANSMITTAL for FY 2002 <i>Patent fees are subject to annual revision.</i>		Complete if Known																																																																																																																																																											
		Application Number		Unassigned																																																																																																																																																									
		Filing Date		January 17, 2002																																																																																																																																																									
		First Named Inventor		CANNON, PAUL D.																																																																																																																																																									
		Examiner Name																																																																																																																																																											
		Group Art Unit																																																																																																																																																											
TOTAL AMOUNT OF PAYMENT		(\$ 780.00)		Attorney Docket No.		ROCH-001DIV																																																																																																																																																							
METHOD OF PAYMENT 1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit overpayments to: Deposit Account Number 50-0815 Deposit Account Name Bozicevic, Field & Francis LLP <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant Claims small entity status. See 37 CFR 1.27				FEE CALCULATION (continued) 3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>Surcharge – late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>Surcharge – late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520 For filing a request for ex parte reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920* Requesting publication of SIR prior to Examination action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840* Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>400</td><td>216</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>920</td><td>217</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,960</td><td>228</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160 Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160 Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140 Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510 Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55 Petition to revive – unavoidable</td><td></td></tr> <tr><td>141</td><td>1,280</td><td>241</td><td>640 Petition to revive – unintentional</td><td></td></tr> <tr><td>142</td><td>1,280</td><td>242</td><td>640 Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>460</td><td>243</td><td>230 Design issue fee</td><td></td></tr> <tr><td>144</td><td>620</td><td>244</td><td>310 Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130 Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50 Processing fee under 37 CFR 1.17(q)</td><td></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180 Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40 Recording each patent assignment per property (times number of properties)</td><td>40.00</td></tr> <tr><td>146</td><td>740</td><td>246</td><td>370 For each additional invention to be examined (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>149</td><td>740</td><td>249</td><td>370 For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>179</td><td>740</td><td>279</td><td>370 Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900 Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="4">Other fee (specify) _____</td><td></td></tr> </tbody> </table>				Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	Surcharge – late filing fee or oath		127	50	227	Surcharge – late provisional filing fee or cover sheet		139	130	139	Non-English specification		147	2,520	147	2,520 For filing a request for ex parte reexamination		112	920*	112	920* Requesting publication of SIR prior to Examination action		113	1,840*	113	1,840* Requesting publication of SIR after Examiner action		115	110	215	Extension for reply within first month		116	400	216	Extension for reply within second month		117	920	217	Extension for reply within third month		118	1,440	218	Extension for reply within fourth month		128	1,960	228	Extension for reply within fifth month		119	320	219	160 Notice of Appeal		120	320	220	160 Filing a brief in support of an appeal		121	280	221	140 Request for oral hearing		138	1,510	138	1,510 Petition to institute a public use proceeding		140	110	240	55 Petition to revive – unavoidable		141	1,280	241	640 Petition to revive – unintentional		142	1,280	242	640 Utility issue fee (or reissue)		143	460	243	230 Design issue fee		144	620	244	310 Plant issue fee		122	130	122	130 Petitions to the Commissioner		123	50	123	50 Processing fee under 37 CFR 1.17(q)		126	180	126	180 Submission of Information Disclosure Stmt		581	40	581	40 Recording each patent assignment per property (times number of properties)	40.00	146	740	246	370 For each additional invention to be examined (37 CFR § 1.129(a))		149	740	249	370 For each additional invention to be examined (37 CFR § 1.129(b))		179	740	279	370 Request for Continued Examination (RCE)		169	900	169	900 Request for expedited examination of a design application		Other fee (specify) _____				
Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																									
105	130	205	Surcharge – late filing fee or oath																																																																																																																																																										
127	50	227	Surcharge – late provisional filing fee or cover sheet																																																																																																																																																										
139	130	139	Non-English specification																																																																																																																																																										
147	2,520	147	2,520 For filing a request for ex parte reexamination																																																																																																																																																										
112	920*	112	920* Requesting publication of SIR prior to Examination action																																																																																																																																																										
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action																																																																																																																																																										
115	110	215	Extension for reply within first month																																																																																																																																																										
116	400	216	Extension for reply within second month																																																																																																																																																										
117	920	217	Extension for reply within third month																																																																																																																																																										
118	1,440	218	Extension for reply within fourth month																																																																																																																																																										
128	1,960	228	Extension for reply within fifth month																																																																																																																																																										
119	320	219	160 Notice of Appeal																																																																																																																																																										
120	320	220	160 Filing a brief in support of an appeal																																																																																																																																																										
121	280	221	140 Request for oral hearing																																																																																																																																																										
138	1,510	138	1,510 Petition to institute a public use proceeding																																																																																																																																																										
140	110	240	55 Petition to revive – unavoidable																																																																																																																																																										
141	1,280	241	640 Petition to revive – unintentional																																																																																																																																																										
142	1,280	242	640 Utility issue fee (or reissue)																																																																																																																																																										
143	460	243	230 Design issue fee																																																																																																																																																										
144	620	244	310 Plant issue fee																																																																																																																																																										
122	130	122	130 Petitions to the Commissioner																																																																																																																																																										
123	50	123	50 Processing fee under 37 CFR 1.17(q)																																																																																																																																																										
126	180	126	180 Submission of Information Disclosure Stmt																																																																																																																																																										
581	40	581	40 Recording each patent assignment per property (times number of properties)	40.00																																																																																																																																																									
146	740	246	370 For each additional invention to be examined (37 CFR § 1.129(a))																																																																																																																																																										
149	740	249	370 For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																										
179	740	279	370 Request for Continued Examination (RCE)																																																																																																																																																										
169	900	169	900 Request for expedited examination of a design application																																																																																																																																																										
Other fee (specify) _____																																																																																																																																																													
2. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other																																																																																																																																																													
FEE CALCULATION 2. BASIC FILING FEE <table border="1"> <thead> <tr> <th>Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>740</td><td>201</td><td>370 Utility filing fee</td><td>740.00</td></tr> <tr><td>106</td><td>330</td><td>206</td><td>165 Design filing fee</td><td></td></tr> <tr><td>107</td><td>510</td><td>207</td><td>255 Plant filing fee</td><td></td></tr> <tr><td>108</td><td>740</td><td>208</td><td>370 Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>160</td><td>214</td><td>80 Provisional filing fee</td><td></td></tr> <tr><td colspan="4">SUBTOTAL (1)</td><td>740.00</td></tr> </tbody> </table>				Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid	101	740	201	370 Utility filing fee	740.00	106	330	206	165 Design filing fee		107	510	207	255 Plant filing fee		108	740	208	370 Reissue filing fee		114	160	214	80 Provisional filing fee		SUBTOTAL (1)				740.00																																																																																																																							
Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																									
101	740	201	370 Utility filing fee	740.00																																																																																																																																																									
106	330	206	165 Design filing fee																																																																																																																																																										
107	510	207	255 Plant filing fee																																																																																																																																																										
108	740	208	370 Reissue filing fee																																																																																																																																																										
114	160	214	80 Provisional filing fee																																																																																																																																																										
SUBTOTAL (1)				740.00																																																																																																																																																									
1. EXTRA CLAIM FEES <table border="1"> <thead> <tr> <th>Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>Total Claims 1-20**</td><td>1</td><td>20</td><td>= x</td><td>=</td></tr> <tr><td>Indep. Claims 1-3*</td><td>1</td><td>2</td><td>= x</td><td>=</td></tr> <tr><td>Multiple Dependent</td><td></td><td></td><td></td><td>=</td></tr> <tr><td colspan="4">Extra Claims from below</td><td></td></tr> <tr><td colspan="4">Fee Paid</td><td></td></tr> </tbody> </table>				Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid	Total Claims 1-20**	1	20	= x	=	Indep. Claims 1-3*	1	2	= x	=	Multiple Dependent				=	Extra Claims from below					Fee Paid																																																																																																																																
Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																									
Total Claims 1-20**	1	20	= x	=																																																																																																																																																									
Indep. Claims 1-3*	1	2	= x	=																																																																																																																																																									
Multiple Dependent				=																																																																																																																																																									
Extra Claims from below																																																																																																																																																													
Fee Paid																																																																																																																																																													
<table border="1"> <thead> <tr> <th>Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9 Claims in excess of 20</td></tr> <tr><td>102</td><td>84</td><td>202</td><td>42 Independent claims in excess of 3</td></tr> <tr><td>104</td><td>280</td><td>204</td><td>140 Multiple dependent claim, if not paid</td></tr> <tr><td>109</td><td>84</td><td>209</td><td>42 ** Reissue independent claims over original patent</td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9 ** Reissue claims in excess of 20 and over original patent</td></tr> <tr><td colspan="4">SUBTOTAL (2) \$</td></tr> </tbody> </table>				Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	103	18	203	9 Claims in excess of 20	102	84	202	42 Independent claims in excess of 3	104	280	204	140 Multiple dependent claim, if not paid	109	84	209	42 ** Reissue independent claims over original patent	110	18	210	9 ** Reissue claims in excess of 20 and over original patent	SUBTOTAL (2) \$																																																																																																																																	
Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description																																																																																																																																																										
103	18	203	9 Claims in excess of 20																																																																																																																																																										
102	84	202	42 Independent claims in excess of 3																																																																																																																																																										
104	280	204	140 Multiple dependent claim, if not paid																																																																																																																																																										
109	84	209	42 ** Reissue independent claims over original patent																																																																																																																																																										
110	18	210	9 ** Reissue claims in excess of 20 and over original patent																																																																																																																																																										
SUBTOTAL (2) \$																																																																																																																																																													

**or number previously paid, if greater; For Reissues, see above.

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00)

SUBMITTED BY		Complete (if applicable)				
Name (Print/Type)	Paula A. Borden		Registration No. (Attorney/Agent)	42,344	Telephone	(650) 327-3400
Signature					Date	01/17/2002

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

**NOTIFICATION OF PRIOR SEQUENCE
LISTING**

Application Number	Unassigned
Confirmation Number	
Filing Date	Herewith
First Named Inventor	Cannon et al.
Examiner	
Group Art	
Attorney Docket No.	ROCH-001DIV

ADDRESS TO: Assistant Commissioner for Patents
Washington, D.C. 20231

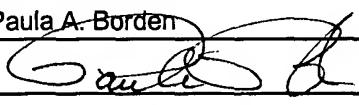
Sir:

The above-identified patent application contains sequences of nucleic acid and polypeptides. A sequence listing was prepared for parent application, Serial No. 09/499,964, filed February 8, 2000, in paper and computer-readable format. The sequences in the present application are identical to those presented in the parent application. Therefore, please transfer to this application, in accordance with 37 CFR 1.821(e), the computer readable copy from applicants' other application.

Applicants respectfully submit that the present patent application is now in compliance with 37 CFR 1.821 - 1.825.

The Commissioner is authorized to charge any fees which may be required, or credit any overpayment to Deposit Account 50-0815. If additional fees are required, including extensions of time, please consider this a petition therefore.

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT REQUIRED

Name (Print/Type)	Paula A. Borden		Registration No.	42,344	
Signature				Date	Jan. 17, 02
Firm Name	Bozicevic, Field & Francis LLP		Address	200 Middlefield Road, Suite 200	
City	Menlo Park	State	California	zip	94025
Telephone - Direct Dial	(650) 327-7710		Facsimile	650-327-3231	

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231.

Name (Print/Type)	Margaret Pierce	Signature		Date	1/17/02
-------------------	-----------------	-----------	--	------	---------